

vMonitor™

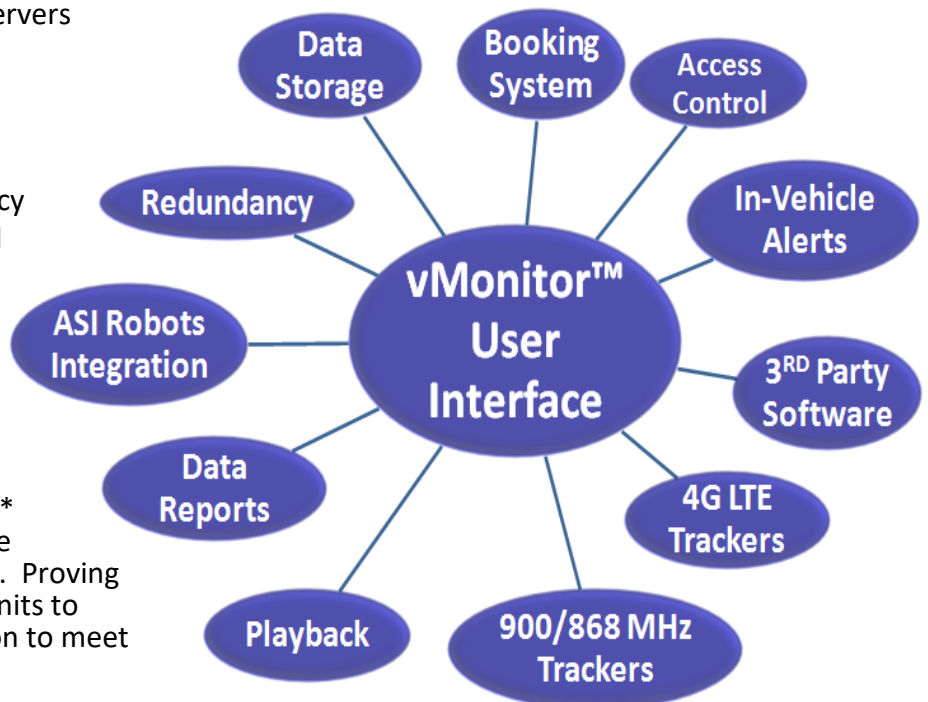
Geo-Spatial Display and User Interface



RTS's Traffic Management Solution (TMS) for Proving Grounds, **vTrack™**, simplifies your processes by decreasing operator workload and improving safety. This solution includes, **vMonitor™**, a browser based user interface, which allows the end user to select features and alerts/warnings per track and site.

Key Features

- Automatically controlling lights and barriers
- Interface to booking data
- High Availability via redundant servers
- Data Recording and Playback
- Driver behavior monitoring
- In-vehicle alerting
- Google Maps or Custom Imagery
- 2Hz Update Rate with Low Latency
- Data Report Download into Excel
- 3rd Party Interfaces
- Browser based user interface



Tracking Hardware

Equipped with 4G LTE or ISM modems* (900/868MHz), these tracking units are seamlessly integrated into **vMonitor™**. Proving grounds can mix and match tracking units to provide the most cost effective solution to meet their needs.

RTS designed and manufactured GPS tracking units provide cost effective solutions, whether your tracking needs are across the country and/or restricted to your proving ground.

* Other modems are available

DESIGN

SAFETY

ALERTING

HOSTING

CUSTOM SERVICES



Proving Ground Traffic Management

Access Control - Safety – Situational Awareness

End to End Vehicle Management

Track Status and Vehicle Count

Track	Status	Count	Max	Direction	Exclusive	Alarms
HST - High-speed track	Closed	0	2		false	
HT2 - Handing track 2	Closed	0	1	CCW	false	
B/H - Low friction and handing area	Closed	0	1		false	
CRT - Country road	Closed	0	1	CW	false	
HT1 - Handing track 1	Closed	0	1	CCW	false	
SKID - Skidpad	Closed	0	1		false	
DBT - Drivability track	Open	0	1	CCW	false	
CT - Comfort track	Closed	0	4		false	
CTC - City Traffic Course	Closed	0	1		false	
COT - Corrosion track	Closed	0	1		false	
RR - Rough road track	Closed	0	1		false	
CS - Construction site track	Closed	0	1	CW	false	
GR - Gravel road track	Closed	0	1	CW	false	
SLB - Slopes	Closed	0	1		false	
ENTT - External noise track	Closed	0	5		false	
AZ - AutoZero	Open	0			false	
HPG	0				false	

Geo-Fence Display

Reports

VTU ID
Booking
Company
Account
Start Date: 6/6/2023 08:47
End Date: 6/6/2023 09:17
Report Type *
SUBMIT

Alarms & Barrier Interface

Action	Time	VTU ID	Barrier	Tracks	Permit	Comments	Driver	Exclusive
ACTION	May 24, 2023, 07:02:29	HPG-2038	22A	CRT	Not Allowed	Track Closed, No Booking	Adam	No
ACTION	May 16, 2023, 09:19:49	HPG-2045	10C	CRT	Allowed	Track Closed	Adam	No
ACTION	May 16, 2023, 09:11:44	HPG-2045	10C	CRT	Allowed	Track Closed	Adam	No
ACTION	May 16, 2023, 09:36:48	HPG-2045	10C	CRT	Allowed	Track Closed	Adam	No
ACTION	May 16, 2023, 09:31:43	HPG-2045	10C	CRT	Allowed	Track Closed	Adam	No
ACTION	May 16, 2023, 08:36:47	HPG-2045	10C	CRT	Allowed	Track Closed	Adam	No

Bookings

Action	Start Date	End Date	Status	VTU ID	Exclusive	Alarms	Vehicle Cat.	Booking ID	Driver	T-Level	Test
ACTION	8 Dec 2022	31 Jan 2024	Active	HPG-2012	X		Volvo	1212	Adam	T1	New Test
ACTION	12 Mar 20	29 Apr 2023	Expired				Volvo	123	123	T1	
ACTION	8 Dec 2022	31 Jan 2024	Active	HPG-2028	X		RTS	1212	Adam	T1	New Test
ACTION	12 Mar 20	18 Apr 2023	Expired				Volvo	123	123	T1	
ACTION	12 Mar 20	2 May 2023	Expired				Volvo	123	123	T1	
ACTION	13 Mar 20	14 Mar 20	Expired				Volvo	123	123	T1	
ACTION	8 Dec 2022	31 Jan 2024	Active	HPG-2045	X		Volvo	1212	Adam	T1	New Test
ACTION	2 Dec 2022	30 Apr 2023	Expired	HPG-2037	X		Volvo	12345678	Adam	T2	123
ACTION	8 Dec 2022	30 Apr 2023	Expired	HPG-8888	X		Volvo	12345678	Bob	T1	
ACTION	7 Dec 2022	7 Dec 2022	Expired		X	X	RTS	History Test	Adam	T1	
ACTION	7 Dec 2022	10 Dec 2022	Expired	HPG-2031		X	RTS	Test booki...	Adam	T2	New Test
ACTION	1 Dec 2022	9 Dec 2022	Expired		X	X	RTS	checkin test	Adam	T1	Booking S...
ACTION	30 Jul 2022	9 Dec 2022	Expired		X	X	Volvo	123	Shaw	T1	
ACTION	2 May 2021	9 Dec 2022	Expired		X	X	RTS	1234569	Henry-Test	T2	Booking S...
ACTION	19 May 20	9 Dec 2022	Expired				Volvo	ABCD	Shaw	T2	Test 1

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